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10/789,537

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EXAMINER

WOLDEKIDAN, HIBRET ASNAKE

ART UNIT

PAPER NUMBER

2613

MAIL DATE

DELIVERY MODE

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

|                              |   |  |  |
|------------------------------|---|--|--|
| <b>Office Action Summary</b> | <b>Application No.</b><br>10/789,537    | <b>Applicant(s)</b><br>NAKAMURA ET AL. |  |
|                              | <b>Examiner</b><br>Hibret A. Woldekidan | <b>Art Unit</b><br>2613                |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 07/01/09.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 3,5,8,10,13,15,18 and 20 is/are allowed.
- 6) ☒ Claim(s) 1,2,4,6,7,9,11,12,14,16,17 and 19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Response to Arguments***

1. Examiner acknowledges receipt of Applicant's Amendments, remarks, arguments received on 07/01/09. Applicant's arguments have been considered but are not persuasive.

### ***Applicant's Arguments and Examiner's Responses***

#### ***Applicant Argument I***

1. Applicant argued on page 2 Paragraph 4 of the remark, "...*the Examiner is improperly using hindsight to combine the teachings of these two references to arrive at the present invention...*"

#### ***Examiner Answer***

In response to applicant's argument that the examiner's conclusion of obviousness is based upon improper hindsight reasoning, it must be recognized that any judgment on obviousness is in a sense necessarily a reconstruction based upon hindsight reasoning. But so long as it takes into account only knowledge which was within the level of ordinary skill at the time the claimed invention was made, and does not include knowledge gleaned only from the applicant's disclosure, such a reconstruction is proper. See *In re McLaughlin*, 443 F.2d 1392, 170 USPQ 209 (CCPA 1971). Both Ge et al Duser et al. inventions are from the same filed of endeavor which is traffic allocation in optical transmission system. Ge suggested upgrading the capacity of existing transmission line to overcome traffic congestion. He further suggested a

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method of increasing the information carrying capacity of the existing fibers by transmitting signals simultaneously(See Col. 1 lines 35-50). The reason why Ge et al. modified by Ducer is to show that traffic over flow can be controlled by dynamically assigning additional paths. As explained in Duser, when there is extra traffic or traffic overflow, the extra packets are dynamically allocated to a free wavelength to prevent traffic overflow. Therefore Examiner respectfully disagree that the above argument *"...the Examiner is improperly using hindsight to combine the teachings of these two references to arrive at the present invention..."* is not persuasive.

### ***Applicant Argument II***

2. Applicant argued on page 2 Paragraph 4 of the remark, *"...Although Ge et al. initially routes the packets to a minimally occupied wavelength, Ge et al. then teaches dropping additional packets, which teaches away from dynamically assigning them to other paths..."*

### ***Examiner Answer***

3. Examiner respectfully disagree because Ge disclose in Col. 3 lines 34-38, it is desirable to eliminate or reduce dropping of variable length data packets due to blocking conflicts in optical routing system. He further discusses determine minimally occupied wavelength and assign the selected data packets to the minimally occupied wavelength. The packets are not dropped from the minimally occupied wavelength. The extra packets are dropped only if all wavelengths including the minimally occupied wavelength are fully occupied(See Col. 4 lines 46-49). Therefore when there is extra traffic or traffic overflow as discussed in Ge, the extra packets can dynamically allocated

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to a free wavelength using the invention of Ducer. Further both references are from the same filed of endeavor which is traffic allocation in optical transmission system. Ge suggested upgrading the capacity of existing transmission line to overcome the traffic congestion. He further suggested a method of increasing the information carrying capacity of the existing fibers by transmitting signals simultaneously(See Col. 1 lines 35-50). Therefore Examiner respectfully disagree that the argument “...*Although Ge et al. initially routes the packets to a minimally occupied wavelength, Ge et al. then teaches dropping additional packets, which teaches away from dynamically assigning them to other paths...*” is not persuasive.

### ***Applicant Argument III***

4. Applicant argued on page 2 Paragraph 4 of the remark, “...*these references are not properly combinable to teach the present invention as recited in independent claims...*”

### ***Examiner Answer***

In response to applicant's argument that there is no suggestion to combine the references, the examiner recognizes that obviousness can only be established by combining or modifying the teachings of the prior art to produce the claimed invention where there is some teaching, suggestion, or motivation to do so found either in the references themselves or in the knowledge generally available to one of ordinary skill in the art. See *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988) and *In re Jones*, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992). In this case, the motivation to combine the references was shown in the secondary references, Duser.

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Concerning the applicant's argument regarding combinations of references, both of the references are from the same field, i.e. optical signal distribution system.

Therefore, the examiner contends that the references would be combinable to one skilled in the art.

***Applicant Argument IV***

5. Applicant argued on page 2 paragraph 5 of the remarks, "... *Ge et al. and Duser disclose methods that do not employ a semifixed initial path require processes such as decoding of packet headers, or signaling for establishing a path...*"

***Examiner Answer***

Examiner respectfully disagree because the above limitation is not disclosed in the claims.

Further The applicant summarized what the references fail to teach without explicitly addressing which limitation in the claim was not taught by the enclosed references.

Since the applicant failed to explain why the references did not teach the limitations by addressing specific portions of the reference, examiner respectfully opines that merely stating a reference fails to teach a limitation without an explanation as to how the reference fails is conclusory and as such not persuasive.

***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and

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he prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1,2,4,6,7,9,11,12,14,16,17,19 are rejected under 35 U.S.C. 103 (a) as being unpatentable over Ge et al. (6,819,870) in views of Duser et al. (Performance of a Dynamically Wavelength-Routed, Optical Burst Switched Network ©2001 IEEE).

Consider claim 1 Ge discloses a wavelength path switching node apparatus that is used in an optical communication network that performs multiplex transmissions by allocating a plurality of traffic items to a plurality of wavelength paths using a wavelength division multiplexing transmission scheme **(See abstract, Col. 10 lines 1-7, fig. 1 i.e. an optical wavelength path switching unit that performs multiplex transmissions and allocates a plurality of packets to a plurality of wavelength paths)**, comprising: a buffer that stores packets of input traffic **(See Col. 9 line 66-Col. 10 lines 5, Fig. 1 i.e. since the multiplexing/demultiplexing unit(110) receives the incoming data packets(105) and stores the incoming data packets to convert their original wavelength to a wavelength assigned by the control block(125), the multiplexing/demultiplexing units(110) can be considered as input buffers for storing incoming traffic)**; a packet transmission control section that fetches packets from the buffer **(See Col. 10 lines 4-12 and 43-45, fig. 1 i.e. a packet transmission control section which is the optical routers(115) that fetches packet from multiplexing/demultiplexing unit(110))**, and, with top priority given to a semifixed initial path, distributes the packets to the initial path**(See Col. 7 lines 27-37 i.e. When the incoming packets are assigned to the wavelengths, priority is given to the minimally occupied wavelength. The incoming packets are sequentially assigned**

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**to each available wavelengths until all the available wavelength are full);** a control section that controls allocations of the additional paths based on distribution states of packet units in the packet transmission control section(See Col. 4 lines 36-49, fig. 2 i.e. **a controller will allocate a wavelength for each packet until all the wavelength are being used**); and a wavelength path switching section that switches wavelength paths in accordance with the allocation control of the additional paths(See Col. 9 lines 53-58, fig. 1 i.e. **optical switching unit(120) for switching optical paths to the appropriate destination based on the allocation information received from the controller(125)**).

Ge discloses when a new packet arrives, the controller assigns a wavelength to the newly arrived packets in a predetermined order until all the available wavelengths are being occupied. Once all the wavelengths are full, the packets will be dropped (See Col. 11 lines 15-20, fig. 2 steps(265,270)).

Ge does not explicitly disclose dynamically assigning additional path for the extra packets so that the packets will be prevented from being dropped.

Duser teaches when there is extra traffic or traffic overflow, the extra packets are dynamically allocated by using additional paths(See Page 2140 Section II Paragraph 2-3 i.e. **dynamically assigning packets to a free wavelength to protect traffic overflow**).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the invention of Ge, and distribute packets to dynamically allocated additional paths when there is extra traffic or traffic overflow, as taught by Duser, thus providing a means of preventing data lose by dynamically assigning an



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additional new wavelength when there is a traffic overflow, as discussed by Duser

**(Page 2140 Section II Paragraph 3).**

Consider claim 2 Ge discloses a wavelength path switching node apparatus that is used in an optical communication network that performs multiplex transmissions by allocating a plurality of traffic items to a plurality of wavelength paths using a wavelength division multiplexing transmission scheme **(See abstract, Col. 10 lines 1-7, fig. 1 i.e. an optical wavelength path switching unit that performs multiplex transmissions and allocates a plurality of packets to a plurality of wavelength paths)**, comprising: a monitoring section that monitors packets of input traffic that are distributed**(See Col. 11 lines 14-22. fig. 1,2 i.e. the distribution states of the allocated path are controlled by the extra wavelength left in the FDL unit(See step 265 of fig. 2). if the wavelengths FDL unit(135 of fig. 1) are not full routing packet will continue. However, if all the wavelengths in the FDL unit are full, the newly arrived packet will not be assigned a wavelength instead they will be dropped. This shows that the FDL (135 of fig. 1) inherently perform monitoring for the controller(125 of fig. 1) so that the controller(125 of fig. 1) can assign a wavelength to the newly arrived packets)**, with top priority given to a semifixed initial path, to the initial path **(See Col. 7 lines 27-37 i.e. When the incoming packets are assigned to the wavelengths, priority is given to the minimally occupied wavelength. The incoming packets are sequentially assigned to each available wavelengths until all the available wavelength are full)**; a control section that controls allocations of the additional paths based on distribution states of packet units obtained by the monitoring**(See Col. 4 lines**

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**36-49, fig. 2 i.e. when a new packet arrive at the router, a controller(125) will allocate a wavelength for each packet based on the availability of free wavelength in the FDL unit(135)); and a wavelength path switching section that switches wavelength paths in accordance with the allocation control of the additional paths (See Col. 9 lines 53-58, fig. 1 i.e. optical switching unit(120) for switching optical paths to the appropriate destination based on the information received from the controller(125)).**

Ge discloses when a new packet arrives, the controller assigns a wavelength to the newly arrived packets in a predetermined order until all the available wavelengths are being occupied. Once all the wavelengths are full, the packets will be dropped (See Col. 11 lines 15-20, fig. 2 steps(265,270)).

Ge does not explicitly disclose dynamically assigning additional path for the extra packets so that the packets will be prevented from being dropped.

Duser teaches when there is extra traffic or traffic overflow, the extra packets are dynamically allocated by using additional paths(See Page 2140 Section II Paragraph 2-3 i.e. dynamically assigning packets to a free wavelength to protect traffic overflow).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the invention of Ge, and distribute packets to dynamically allocated additional paths when there is extra traffic or traffic overflow, as taught by Duser, thus providing a means of preventing data lose by dynamically assigning an

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additional new wavelength when there is a traffic overflow, as discussed by Duser  
**(Page 2140 Section II Paragraph 3).**

Consider claim 4 Ge and Duser disclose the wavelength path switching node apparatus according to claim 1, wherein the packet transmission control section distributes packets to the additional paths **(See Duser: Page 2140 Section II Paragraph 2-3 i.e. dynamically assigning packets to a free wavelength to protect traffic overflow)** and distributing packets in a predetermined order of priorities **(See Ge: Col. 4 lines 36-39 i.e. selecting packets in a predetermined order or sequence and assign wavelength for each packet for distribution).**

Consider claim 6 Duser teaches the wavelength path switching node apparatus according to claim 1, wherein the control section allocates at least one reserve additional path when packets are being distributed **(See Duser: Page 2140 Section II Paragraph 2-3 i.e. the control node allocates a free additional wavelength for distributing additional traffic as needed).**

Consider claim 7 Duser teaches the wavelength path switching node apparatus according to claim 2, wherein the control section allocates at least one reserve additional path when packets are being distributed **(See Duser: Page 2140 Section II Paragraph 2-3 i.e. the control node allocates a free additional wavelength for distributing additional traffic as needed).**

Consider claim 9 Duser teaches the wavelength path switching node apparatus according to claim 4, wherein the control section allocates at least one reserve additional path when packets are being distributed **(See Duser: Page 2140 Section II**

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**Paragraph 2-3 i.e. the control node allocates a free additional wavelength for distributing additional traffic as needed).**

Considering Claim 11 Ge discloses a wavelength path allocation method for a wavelength path switching node apparatus that is used in an optical communication network that performs multiplex transmissions by allocating a plurality of traffic items to a plurality of wavelength paths using a wavelength division multiplexing transmission scheme **(See abstract, Col. 10 lines 1-7, fig. 1 i.e. an optical wavelength path switching unit that performs multiplex transmissions and allocates a plurality of packets to a plurality of wavelength paths)** comprising: a step in which packets of input traffic are stored in a buffer traffic **(See Col. 9 line 66-Col. 10 lines 5, Fig. 1 i.e. since the multiplexing/demultiplexing unit(110) receives the incoming data packets(105) and store the incoming data packets to convert their original wavelength to a wavelength assigned by the control block(105), the multiplexing/demultiplexing unit(110) can be considered as input buffers for storing incoming traffic)**; a packet distributing step in which packets are fetched from the buffer**(See Col. 10 lines 4-12 and 43-45, fig. 1 i.e. the optical routers(115) that fetches packet from multiplexing/demultiplexing unit(110))**, and, with top priority given to a semifixed initial path, the packets are distributed to the initial path **(See Col. 7 lines 27-37 i.e. When the incoming packets are assigned to the wavelengths, priority is given to the minimally occupied wavelength. The incoming packets are sequentially assigned to each available wavelengths until all the available wavelength are full )**; and a step in which allocations of the additional paths are

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controlled based on distribution states of packet units in the packet distributing step(**See Col. 4 lines 36-49, fig. 1,2 i.e. when a new packet arrive at the router, a controller unit(125 of fig. 1) will allocate a wavelength for each packet until all the wavelength are being used**).

Ge discloses when a new packet arrives, the controller assigns a wavelength to the newly arrived packets in a predetermined order until all the available wavelengths are being occupied. Once all the wavelengths are full, the packets will be dropped (**See Col. 11 lines 15-20, fig. 2 steps(265,270)**).

Ge does not explicitly disclose dynamically assigning additional path for the extra packets so that the packets will be prevented from being dropped.

Duser teaches when there is extra traffic or traffic overflow, the extra packets are dynamically allocated by using additional paths(**See Page 2140 Section II Paragraph 2-3 i.e. dynamically assigning packets to a free wavelength to protect traffic overflow**).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the invention of Ge, and distribute packets to dynamically allocated additional paths when there is extra traffic or traffic overflow, as taught by Duser, thus providing a means of preventing data lose by dynamically assigning an additional new wavelength when there is a traffic overflow, as discussed by Duser (**Page 2140 Section II Paragraph 3**).

Consider claim 12 Ge discloses a wavelength path allocation method for a wavelength path switching node apparatus that is used in an optical communication

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network that performs multiplex transmissions by allocating a plurality of traffic items to a plurality of wavelength paths using a wavelength division multiplexing transmission scheme (**See abstract, Col. 10 lines 1-7, fig. 1 i.e. an optical wavelength path switching unit that performs multiplex transmissions and allocates a plurality of packets to a plurality of wavelength paths**), comprising: a step of monitoring which packets of input traffic that are distributed(**See Col. 4 lines 36-49, fig. 2 i.e. a step in which packets are selected in sequence or predetermined order and assigned a wavelength by a controller block(125)**), with top priority given to a semifixed initial path, to the initial path(**See Col. 7 lines 27-37 i.e. When the incoming packets are assigned to the wavelengths, priority is given to the minimally occupied wavelength. The incoming packets are sequentially assigned to each available wavelengths until all the available wavelength are full**); and a step of controlling which allocations of the additional paths based on distribution states of packet units obtained by the monitoring (**See Col. 11 lines 14-22. fig. 1,2 i.e. the distribution states of the allocated path are controlled by the extra wavelength left in the FDL unit(See step 265 of fig. 2). if the wavelengths FDL unit(135 of fig. 1) are not full routing packet will continue. However, if all the wavelengths in the FDL unit are full, the newly arrived packet will not be assigned a wavelength instead they will be dropped. This shows that the FDL (135 of fig. 1) inherently perform monitoring for the controller(125 of fig. 1) so that the controller(125 of fig. 1) can assign a wavelength to the newly arrived packets**)).

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Ge discloses when a new packet arrives, the controller assigns a wavelength to the newly arrived packets in a predetermined order until all the available wavelengths are being occupied. Once all the wavelengths are full, the packets will be dropped (**See Col. 11 lines 15-20, fig. 2 steps(265,270)**).

Ge does not explicitly disclose dynamically assigning additional path for the extra packets so that the packets will be prevented from being dropped.

Duser teaches when there is extra traffic or traffic overflow, the extra packets are dynamically allocated by using additional paths(**See Page 2140 Section II Paragraph 2-3 i.e. dynamically assigning packets to a free wavelength to protect traffic overflow**).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the invention of Ge, and distribute packets to dynamically allocated additional paths when there is extra traffic or traffic overflow, as taught by Duser, thus providing a means of preventing data lose by dynamically assigning an additional new wavelength when there is a traffic overflow, as discussed by Duser (**Page 2140 Section II Paragraph 3**).

Consider claim 14 Ge and Duser disclose the wavelength path switching node apparatus according to claim 1, wherein the packet transmission control section distributes packets to the additional paths (**See Duser: Page 2140 Section II Paragraph 2-3 i.e. dynamically assigning packets to a free wavelength to protect traffic overflow**) and distributing packets in a predetermined order of priorities (**See**

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**Ge: Col. 4 lines 36-39 i.e. selecting packets in a predetermined order or sequence and assign wavelength for each packet for distribution).**

Consider claim 16 Ducer teaches the wavelength path allocation method according to claim 11, wherein, in the control step, at least one reserve additional path is allocated when packets are being distributed **(See Duser: Page 2140 Section II Paragraph 2-3 i.e. the control node allocates a free additional wavelength for distributing additional traffic as needed).**

Consider claim 17 Ducer teaches the wavelength path allocation method according to claim 12, wherein, in the control step, at least one reserve additional path is allocated when packets are being distributed **(See Duser: Page 2140 Section II Paragraph 2-3 i.e. the control node allocates a free additional wavelength for distributing additional traffic as needed).**

Consider claim 19 Ducer teaches the wavelength path allocation method according to claim 14, wherein, in the control step, at least one reserve additional path is allocated when packets are being distributed **(See Duser: Page 2140 Section II Paragraph 2-3 i.e. the control node allocates a free additional wavelength for distributing additional traffic as needed).**

***Allowable Subject Matter***

Claim 3,5,8,10,13,15,18,20 are allowed.

***Conclusions***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).



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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hibret A. Woldekidan whose telephone number is (571)270-5145. The examiner can normally be reached on 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kenneth Vanderpuye can be reached on 5712723078. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/H. A. W./  
Examiner, Art Unit 2613

/Kenneth N Vanderpuye/  
Supervisory Patent Examiner, Art Unit 2613

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